

*Right for today,
ready for tomorrow*

IBM Personal System/2 Model 30

A smart choice for offices of every size

IBM Personal System/2® Model 30 offers high-performance personal computing at an economical price. It can meet your business needs today and help you plan for tomorrow.

Model 30 can boost the productivity of a single office or a single user. Connected in a network, it can share resources with other systems to save time and effort for an entire department. Here are just a few ways this model can help you maintain a competitive edge.

Work the way you want. Whether you need information processing from a stand-alone workstation or data from a

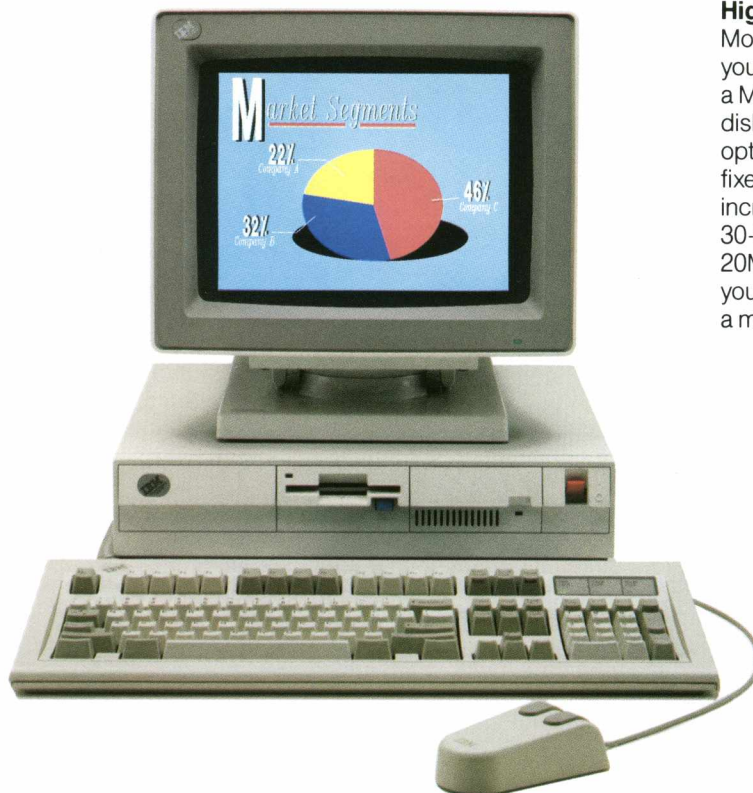
host, Model 30 can handle the work load. It can manage your day-to-day finances or keep track of a small company's yearly results. Tied into a network or connected to a host, Model 30 provides an efficient way to exchange messages or share files with associates.

Work fast and efficiently. Enhanced support for text and graphics, an efficient data path (8-bit memory bus), 640Kb of memory, and PS/2® system board design mean you can expect top price/performance.

Bring your work into sharp focus. With Model 30, you can display both text and graphics with superb clarity—on your choice of PS/2 color or monochrome displays designed to support a broad spectrum of colors and shades.

Highlights

Model 30 gives you the flexibility to fit your needs. You can, for example, select a Model 30-001 with a single 3.5-inch diskette drive. And you can add an optional diskette drive or a 20Mb or 30Mb fixed disk as your storage requirements increase. Or you can choose a Model 30-021 with a single diskette drive and a 20Mb fixed disk. Whichever you choose, you'll find your Model 30 is more than a match for the tasks at hand.



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up to 256 colors at a time (from a palette of over 256,000); on a monochrome display, up to 64 shades of gray.

Superior analog displays offer a range in price and performance. You can have crisp text or graphics on a choice of monochrome displays, or vivid, detailed color graphics on one of several color displays.

Standard 640Kb memory gives you plenty of room for lengthy documents, detailed calculations and advanced applications software.

20Mb or 30Mb internal fixed disk with integrated controller provides ready-access storage for more than 10,000 or 15,000 pages¹ of information. Standard keylock provides security.

One standard 720Kb diskette drive lets you quickly load files and programs stored on the 3.5-inch diskettes used with Model 30. Small enough to fit in your pocket, each diskette can hold more than 360 pages¹ of information.

Integrated architecture means popular features are built in, not added on at extra cost. You have fewer internal cables and connections to deal with, and greater reliability. Every PS/2 Model 30 comes ready to support your display, printer, keyboard, modem and pointing device.

Three expansion slots provide an easy way to add features and functions to keep pace with growing computing needs.

Enhanced graphics capabilities supply superb graphics clarity and vivid colors. On a color display, you can see

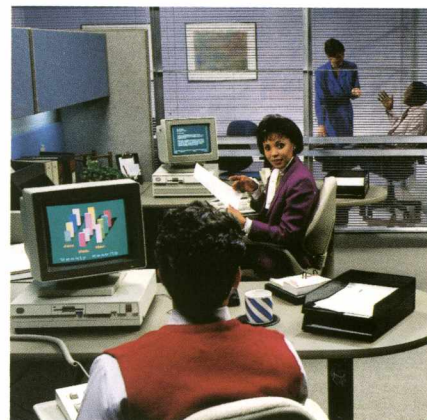
Wide range of connectivity options opens the doors to whole libraries of information. Model 30 can be part of a network to tie into other personal computers or can get online to information services and host systems.

Enhanced 101-key keyboard puts lighted mode indicators, function keys, numeric and typewriter keypads at your command. Easy touch and response give a typewriter keyboard "feel" as you work.



IBM Personal System/2 Model 30 at a glance

Machine numbers	8530-001	8530-021
8086 microprocessor	8 MHz, 0 wait states	8 MHz, 0 wait states
Optional 8087 Math Co-Processor	8 MHz	8 MHz
Memory (RAM)		
On system board	640Kb	640Kb
System maximum	640Kb	640Kb
Integrated functions	64Kb permanent memory (ROM), MultiColor Graphics Array (MCGA) and display port, serial port, parallel port, pointing device port, keyboard port, diskette controller, clock/calendar	
System expansion	Three available 8-bit expansion slots	
Operating systems	DOS 3.3 or 4.0	
Storage		
Standard	One 720Kb 3.5-inch diskette drive	One 720Kb 3.5-inch diskette drive and a 20Mb (80ms) fixed disk
Optional	Second IBM 720Kb 3.5-inch Diskette Drive (-001), IBM 20Mb or 30Mb Fixed Disk Drive (-001), IBM 5.25" External Diskette Drive (360Kb), IBM 3363 Optical Disk Drive, IBM 6157 Streaming Tape Drive	
Text/graphics support	MCGA supports CGA mode and provides up to 256 colors (from a palette of over 256,000) and 64 shades of gray (monochrome)	
Display modes	All CGA modes plus: 320 x 200 pels x 256 colors—all points addressable 640 x 480 pels x 2 colors—all points addressable 8 x 16 character box—16 colors (text)	
Keyboard	101 keys, including 12 function keys, 3 lighted mode indicators; 6-foot coiled cable	
Supported displays	IBM Personal System/2 Color Displays 8512, 8513 and 8514; IBM Personal System/2 Monochrome Displays 8503 and 8507	
Supported printers	IBM Proprinter™ family, IBM Quietwriter® printers, IBM Pageprinters, IBM Quickwriter™ Printer	
Communications support	IBM Token-Ring Network PC Adapter, IBM PC Network Adapter II, IBM PC Network Baseband Adapter, IBM 3270 Emulation Adapter, IBM 5250 Emulation Adapter	
Power supply	70-watt worldwide with switch voltage selection	
Size	Approx. 4"H x 16"W x 15.6"D (102mm x 406mm x 397mm); 17.5 lbs. (7.9 kg)	



What you get

IBM Personal System/2 Model 30 is packaged in two cartons, one containing the system unit. The other contains:

- One-page customer setup sheet
- System unit power cable
- Keyboard and cable
- Guide to Operations
- Starter tutorial diskette with diagnostics
- Technical directory

Options

IBM Personal System/2 Model 30 supports a wide array of optional devices, including:

- IBM Personal System/2 8087 Math Co-Processor (8 MHz)
- IBM Personal System/2 Mouse
- IBM Personal System/2 Display Adapter
- IBM 2Mb Expanded Memory Adapter
- IBM 20Mb Fixed Disk Drive
- IBM 30Mb Fixed Disk Drive
- IBM Personal System/2 5.25" External Diskette Drive (360Kb)
- IBM Personal System/2 Data Migration Facility
- IBM 3363 Optical Disk Drive
- IBM 6157 Streaming Tape Drive
- IBM Token-Ring PC Network Adapter
- IBM PC Network Adapter II
- IBM PC Network Baseband Adapter
- IBM Personal System/2 Speech Adapter
- IBM PC Music Feature



Warranty/Service

Every IBM product is built to meet high standards of quality and reliability. So you can count on Model 30 to perform smoothly year after year.

IBM Personal System/2 Model 30 is backed by a one-year limited warranty. And extended service terms are available from IBM and from IBM Authorized Dealers.

With an IBM Maintenance Agreement, you can arrange for on-site service. Equipment also can be carried in for repair.

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¹ 8½ x 11-inch, double-spaced typewritten pages.

IBM Personal System/2 Model 30 features

Feature	Function	Benefit
Intel 8086 microprocessor	Processes data at a clock speed of 8 MHz	Enhanced performance contributing to greater system throughput
640Kb of memory (RAM) on the system board	Provides electronic workspace for programs and files	Fast data processing; management of complicated tasks like spreadsheet processing
Integrated functions and streamlined design	Pack more capabilities into fewer components; reduce overall size; require fewer internal cables; include 64Kb of permanent memory containing BASIC language interpreter and Power-on Self-test	Easy setup, operation and expansion; efficient use of workspace; enhanced reliability; built-in programming aids; quick problem identification
20Mb or 30Mb fixed disk drive	Provides storage for up to 10,000 or 15,000 pages ¹ of information; controller integrated on fixed disk	Ample storage capacity; fast, convenient access to programs and data; fixed disk does not require expansion slot
720Kb 3.5-inch diskette drive	Provides storage for up to 360 pages ¹ of information	Ability to create portable and backup files
3.5-inch diskettes	Protect media in hard plastic enclosure	Smaller, more portable; reliable storage
Integrated MCGA capabilities	Include up to 256 colors (from a palette of over 256,000) plus 64 shades of gray (monochrome); support MCGA modes as well as CGA	High-quality, high-detail graphics and text; improved on-screen readability; protection of investment in CGA-based software
IBM PS/2 Enhanced Keyboard	Has 101 keys, including 12 function keys and 3 lighted mode indicators	Simplified command entry; less chance of accidental printing or erasing
Network and host emulation capabilities	With the appropriate hardware and software, offer connection to networks and larger systems	Shared hardware and software; electronic mail capability; workgroup productivity benefits; access to main-frame functions, files and applications
5.25-inch external diskette drive option	Provides capability to interchange data and software with systems that use 5.25-inch diskettes	Compatibility with IBM PC 360Kb diskettes
200Mb optical disk drive option	Writes once, reads many times; holds up to 100,000 pages ¹ of information on one cartridge	Large permanent storage; fixed disk backup; software archiving
Tape drive options	Save/restore fixed disk data	Fixed disk backup and file restoration; removable media for archiving
IBM support and service	Assure parts and service nationwide; offer 12-month limited warranty	Customer purchase backed by IBM support and service



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